

IN THE SPECIFICATION:

Please AMEND the Abstract as follows:

-- A layered Fe-based alloy and a method of manufacturing the layered Fe-based alloy are provided, whereby the alloy includes a coating disposed on an outer surface of a surface layer portion of the layered Fe-based alloy. The coating includes a carbide formed by carbonizing a first element that includes a property to increase a hardness of the layered Fe-based alloy. The coating also includes a thickness of at least 0.5 mm. The alloy further includes a second element including an amount that is greater at the surface layer portion than at an inside portion of the layered Fe-based alloy. An amount of the first element is greater at the inside portion than at the surface layer portion of the layered Fe-based alloy. A hardness of the layered Fe-based alloy is greater at the inside portion than at the surface layer portion of the layered Fe-based alloy. --

~~On respective surfaces of the work pressing site and the body part of the portion having a less diameter of a preliminary formed article comprising SKH51 (a Fe base alloy), a powder of a material containing an element enhancing the hardness of SKH51 and a powder of a material containing an element being contained in SKH51 and not enhancing the hardness of SKH51 are applied respectively. By the heat treatment of the preliminary formed article after the above application, W and the like having been contained in an application agent is diffused into the surface side in the work pressing site, whereas, in the body part of the portion having a less□ diameter, W and the like~~

having been contained in SKH51 is diffused into the surface side. As a result, a diffusion layer, wherein hardness increases as the distance from the surface decreases, is formed inside the work pressing site, and simultaneously, a concentration change portion, wherein toughness improves as the distance from the surface decreases, is formed in the body part of the portion having a less diameter. --